### **NEDSS**

National Electronic Disease Surveillance System (National Base System (NBS))

## What and Why

NEDSS: is an internet-based infrastructure for public health surveillance data exchange that uses specific PHIN( Public Health Information Network) and NEDSS standards.

NEDSS: also relies heavily on industry standards such as LOINC, SNOMED, and HL7.

### WHY

The American Reinvestment & Recovery Act of 2009: It includes many measures to modernize the nation's infrastructure, one of which is the "Health Information Technology for Economic and Clinical Health (HITECH), supports the concept of electronic health records== meaningful use. Effort led by the Centers for Medicare & Medicaid Services.

NEDSS: Surveillance platform that has been around for many years, support sponsored by the CDC, and allows the Kentucky Dept. for Public Health the cheapest route to Electronic disease surveillance.

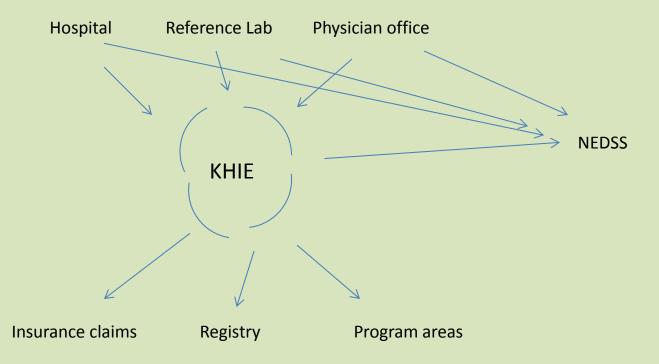
### Where We are Where are we going.

NEDSS is used in 19 states and Guam.

Kentucky will be using NEDSS for reporting all National Notifiable Diseases and that includes TB and STD( in the future), not HIV.

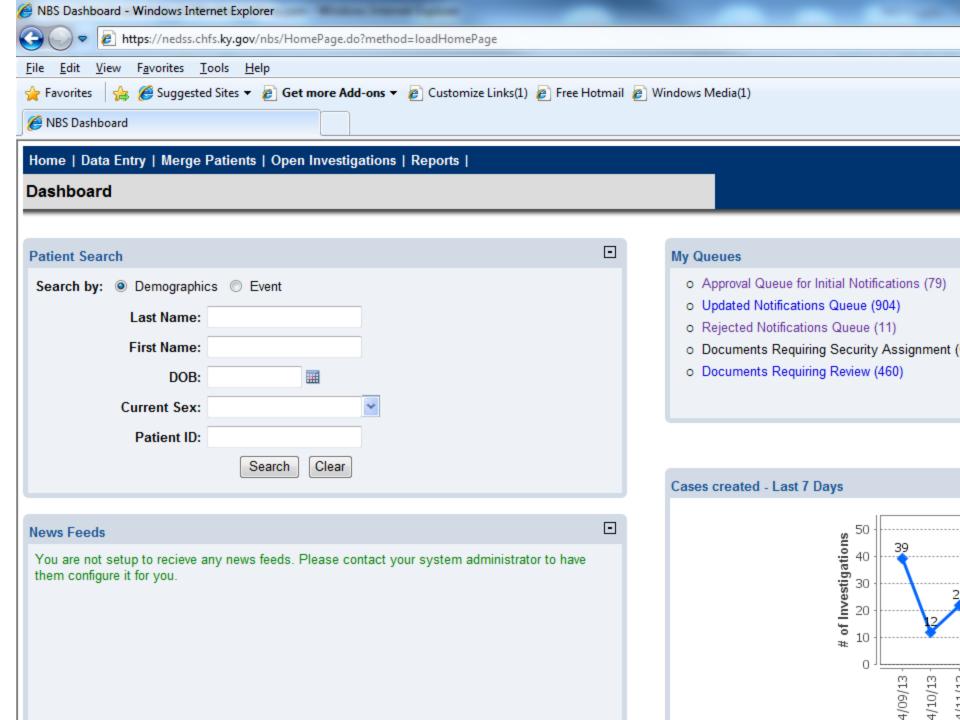
NEDSS works with the Kentucky Health Information Exchange (KHIE).

#### How does KHIE function here.

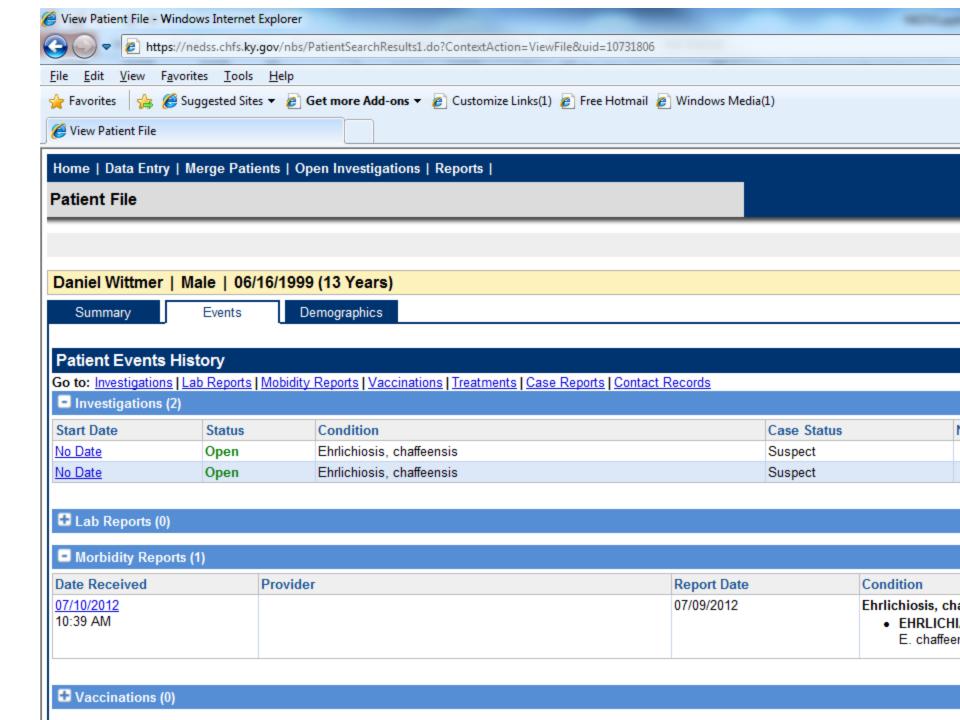


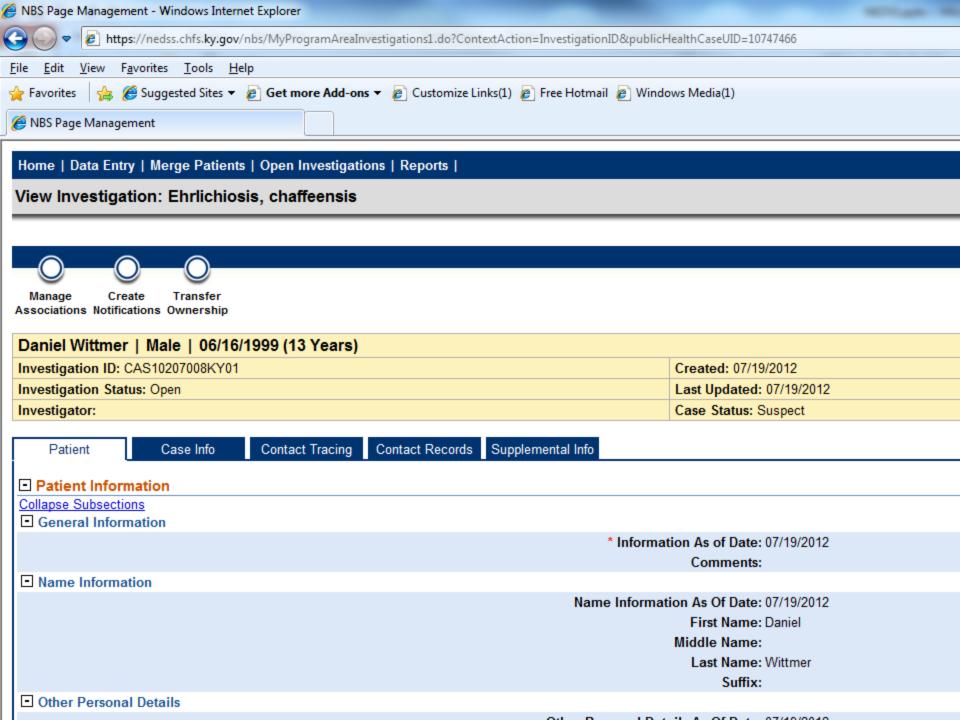
KHIE is a flow through system. Data is stored in data warehouses. Only bidirectional flow of information in KHIE in terms of Public Health is with the EMR-immunization registry.

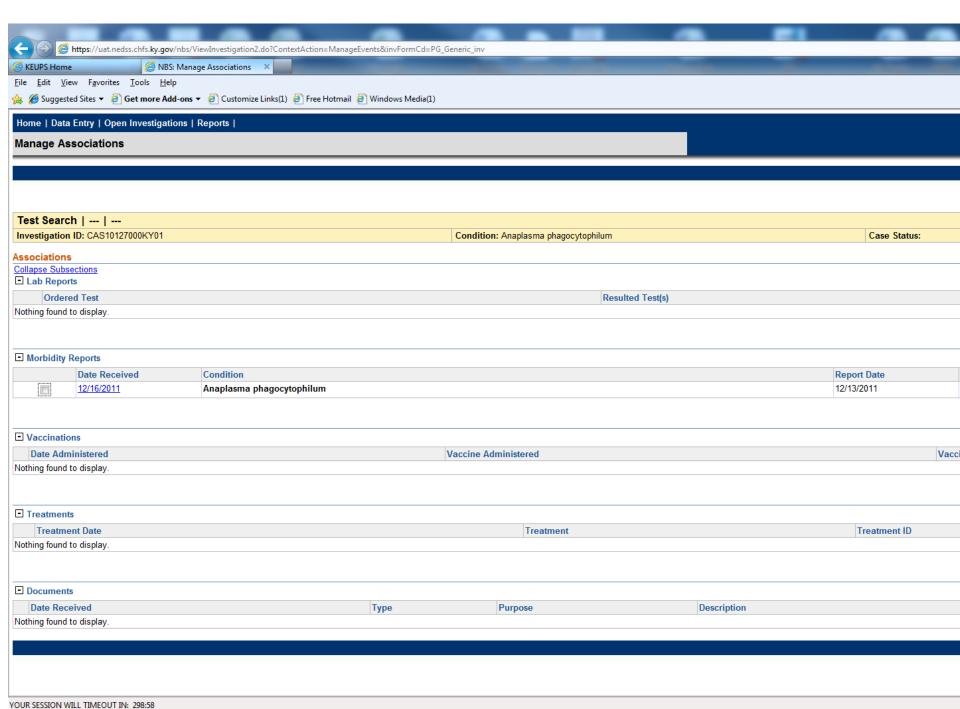
### How does NEDSS work

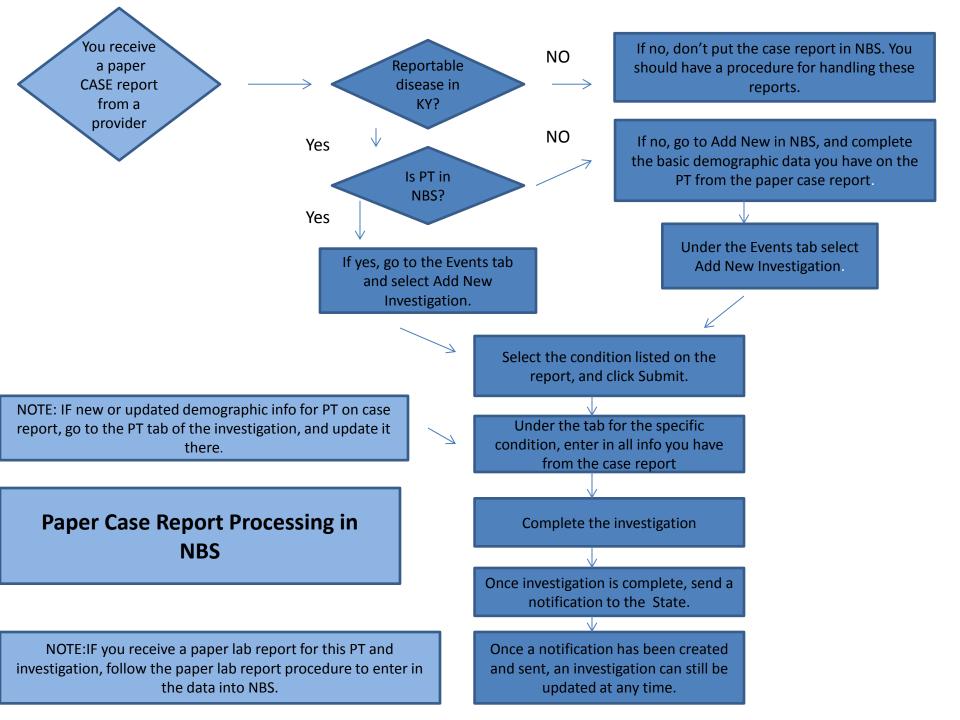


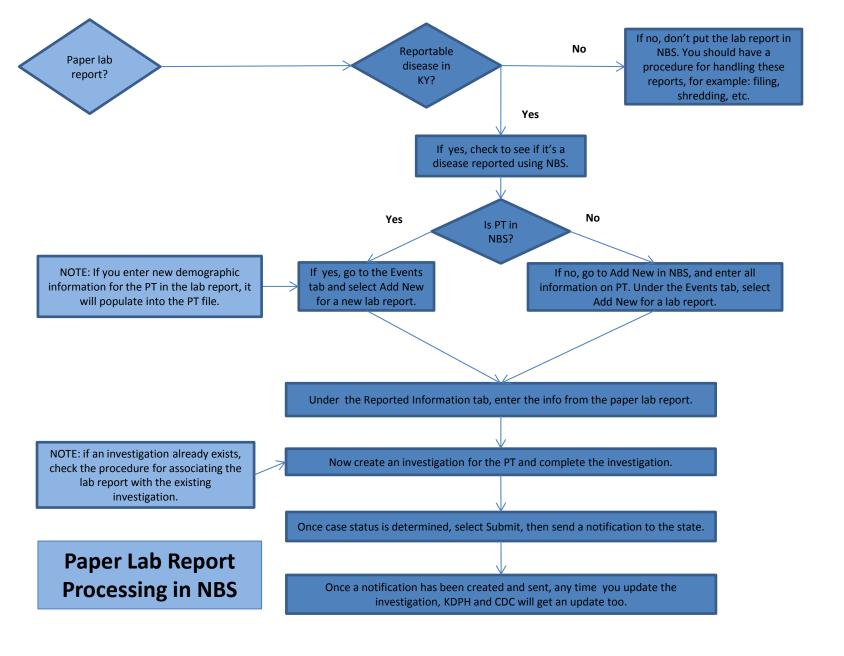
Patient File				
Emily fisher   Femal	le   02/22/2006 (7 Years)			
	Events Demographics			
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Patient Summary				
Go to: Patient Summary	Open Investigations   Documents F	Requiring Review		
■ Patient Summary				
Address (Home) 2350 Hickory Ridge Dr		Home 606-393-5155		
Ashland, Kentucky 41101				
Boyd County				
Open Investigations	(1)			
Start Date	Conditions		Case Status	Notification
	Cryptosporidiosis		Confirmed	
No Date				
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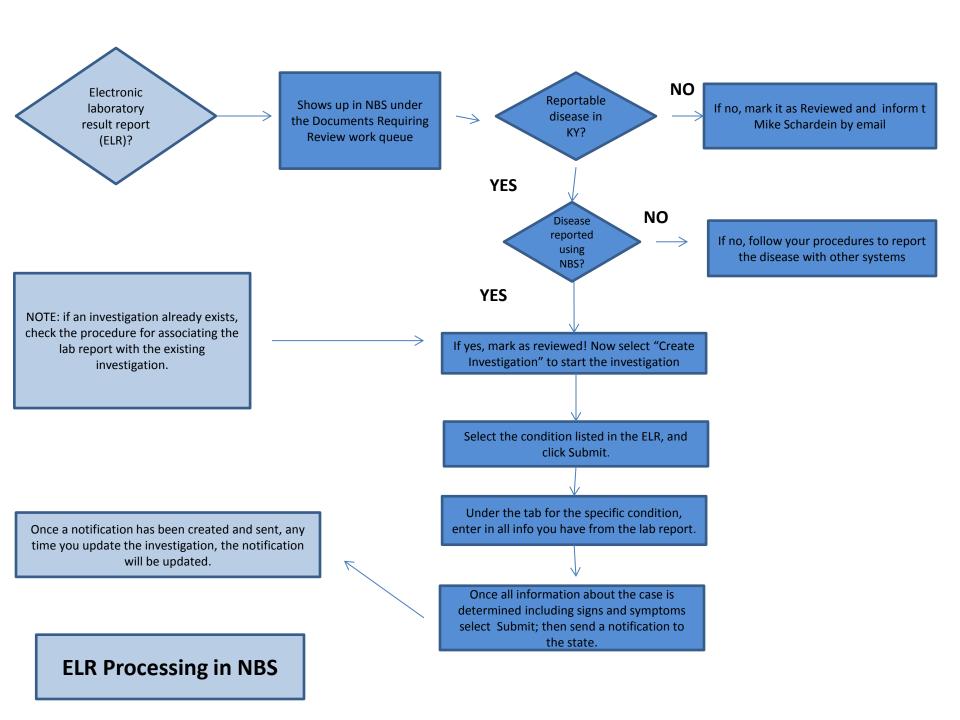




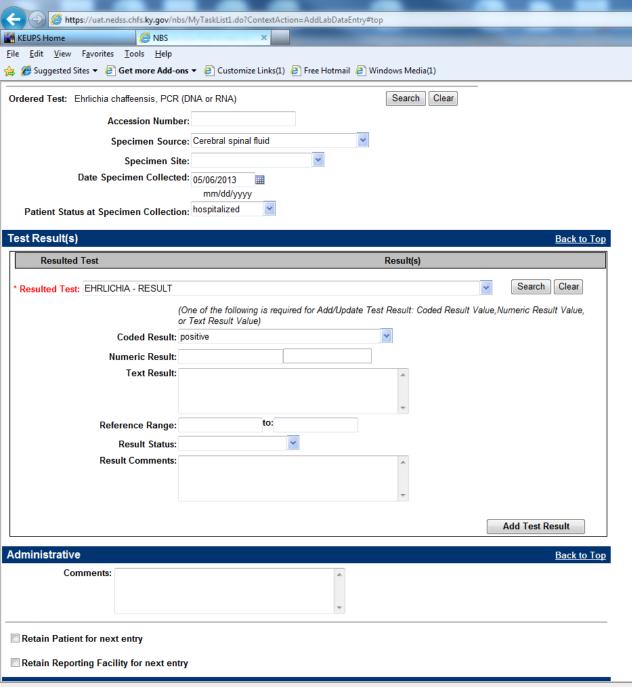


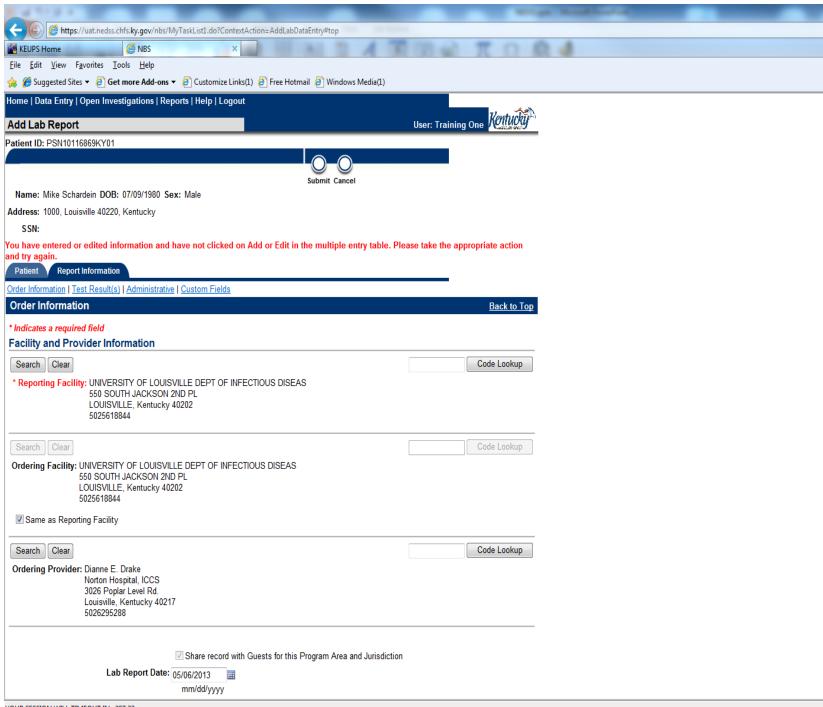


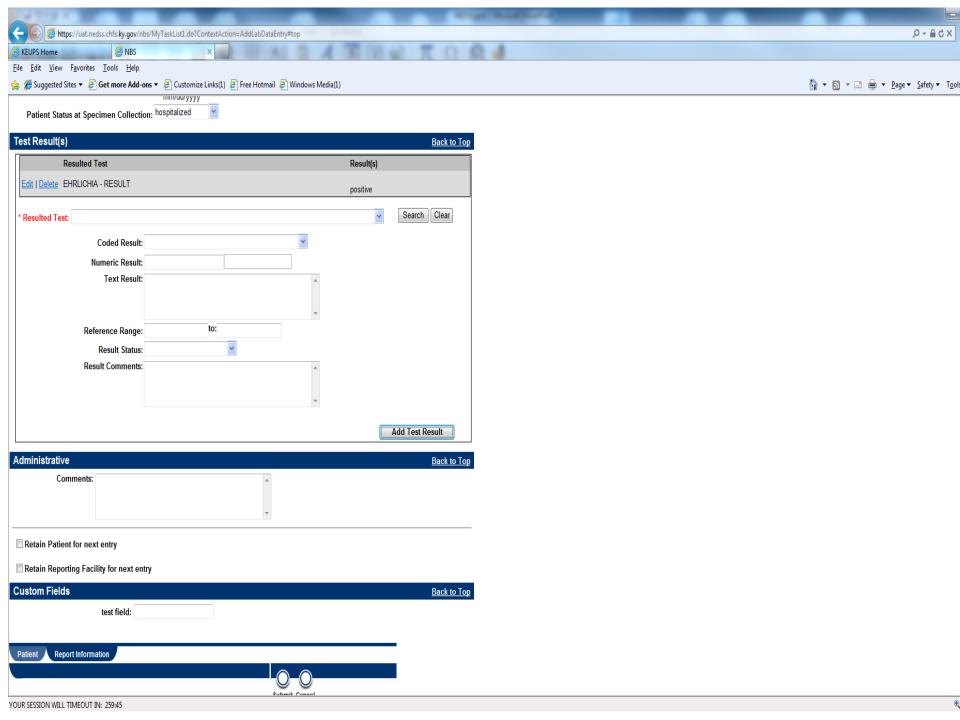




# **Errors**







# Any Questions?